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EMERGING POLLUTANTS WORKSHOP

August 11-August 14, 2003

Valdas V. Adamkus Environmental Resource Center
12th Floor
U.S. EPA Region 5 Office
77 West Jackson Blvd.
Chicago, IL

“ORD will evaluate opportunities for and, as appropriate, will conduct research to anticipate and assess future environmental stressors—whether human health or ecological—before their effects adversely impact people or the environment.”¹

¹ Statement of Goal 5: Anticipate Future Environmental Issues / ORD Strategic Plan / January 2001

AGENDA – EMERGING POLLUTANTS WORKSHOP

Monday August 11, 2003

10:00 AM Registration Opens

1:00 PM **Welcome:** Thomas Skinner, Regional Administrator
U.S. EPA Region 5

ORD/Regional Workshops: Paul Gilman, Assistant Administrator
Office of Research and Development
U.S. EPA Agency Science Advisor

1:20 Introduction to this Emerging Pollutants Workshop
David Macarus, US EPA Region 5 /Regional Science Liaison to ORD
Chair, Workshop Planning Group

1:30 **Case Study: Triclosan: One example of how emerging pollutants come to our attention**
Steve Reimer - EPA Region 10

Perfluoro Octane Compounds in the environment -

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|------|-------------------------|---|
| 1:45 | PFOS Toxicity Studies | Christopher Lau, US EPA/ORD/RTP |
| 2:15 | PFOA Toxicity Studies | John Cichmanec, US EPA/ORD/NRMRL-Cincinnati |
| 2:40 | Risk information Update | Jennifer Seed, US EPA/OPPTS |
| | Program Office Update | Barbara Leczynski, US EPA/OPPTS |
| | Questions from audience | |

3:15 Break

3:30 Toxic chemicals resulting from the disposal of electronic equipment

Potential to leach: Timothy Townsend, University of Florida
Combustion Issues: Eric Stewart, ORD/NRMRL/RTP

4:30 Round Table: Timothy Townsend, Eric Stewart, Jason Swift (EPA-Region 5 RCRA Program)
1. Risks quantifiable?
2. Research needs?
3. Risk management options?

4:45 Discussion and review of next days program

5:00 Adjourn for the day

Tuesday August 12, 2003**Brominated Flame Retardants:**

- 8:30 Welcome & Introduction Edwin (Ted) Smith, US EPA GLNPO
8:45 Overview of BFRs Leif Magnuson P2 Coordinator US EPA Region 9

Environmental Presence and Known Sources

- 9:15 Human Health: Ron Hites - Indiana University
9:45 Environmental: Mehran Alaei - Environment Canada

10:15 Break

10:30 Toxicology / Risk Analysis Status - Linda Birnbaum - US EPA/ORD/NHEERL

11:00 The VCCEP Program: Consultation re penta, octa, and decabromo diphenyl ethers
Michael Dourson, Toxicology Excellence for Risk Assessment (TERA)

11:30 Introduction to Afternoon Roundtable Discussion
Leif Magnuson, US EPA Region 9

11:45 Lunch

12:45 Round Table Discussion: BFR Panel

1:45 Afternoon Moderator TBD

Bisphenol A and Phthalate Esters: Resin Components in the Environment
Marsha Morgan - EPA/ORD/RTP/NERL

2:30 **Radium in Oil and Gas Piping and Production Facilities**
Loren Setlow - EPA Office of Air and Radiation

3:00 Break

3:15 **Exposures to thallium and to platinum group metals.**
Frank Anscombe - EPA Region 5 / Other speakers TBD

3:45 Break Out Groups Meet: Additional suggestions on where we go from here
Group A – PFOS/PFOA and BFRs
Group B – Bis-A and Phthalates
Group C – Electronics Disposal
Group D – Radium, platinum and thallium

4:30 Break out Groups report out

5:00 Adjourn for the day

6:00 Meet at local Restaurant for Refreshments, Dinner, Networking and Relaxed Conversation

Wednesday August 13, 2003**8:30 Pharmaceuticals and Personal Care Products in the Environment**

Introduction and Overview: Christian Daughton/EPA/ORD/NERL/Las Vegas

9:30 The environmental presence: Michael J. Focazio / USGS

10:30 Break

10:45 Veterinary Pharmaceuticals: John Cicmanec / ORD/NRMRL/Cincinnati

11:30 How FDA views Pharmaceuticals and the Environment: Charles Eirkson / FDA

12:15 Lunch

1:15 Afternoon Moderator: Dennis Wesolowski, US EPA / Region 5 Laboratory Director

Endocrine Disrupting Pollutants in Effluent Dominated Streams

A Regional Case Study of Alkyl phenol & ethoxylates

Peter Howe / EPA Region 5/ Water Division

1:40 Field Observations of the Contributions of Alkyl Phenols on Fish Endocrine Disruption
Cliff Rice - / USDA(presenter) and Dr. Carys Mitchelmore, Univ. of MD.2:10 Effects of Waste Water Treatment Effluents on Fish Endocrine disruption
Larry Barber/ USGS2:40 Aquatic Toxicity, Estrogenicity & Treatability of Nonyl Phenol & Ethoxylates in Waste
Water Effluents – Charles Staples / Assessment Technologies, Inc.

3:00 Break

3:15 Asbestos and Related Durable Fibers:**Too Ubiquitous, Too Persistent, Too Complex to put Health Risks to Rest?**

Phil Cook - US EPA/ORD/NHEERL/Duluth, MN

4:15 Break out Groups: A. Pharm & Personal Care Prod. B. EDCs in streams C. Asbestos, et al

1. Is it reasonable to expect increased risks over time for human health and the environment?
2. What knowledge gaps need to be filled to clarify the present and projected risks?
3. Pollution prevention / risk reduction options

4:45 Report out from Break outs

5:00 Adjourn for the day. Prearranged entertainment/social event

Thursday August 14, 2003

8:30 Objectives of the final session: Dan Hopkins, Toxic Reduction Team Manager, EPA Region 5

8:40 **Biotechnology: The Promise, Potential Risks, and How Can we Find Out!**

John Glaser - EPA/ORD/NRMRL-Cincinnati

9:25 **Environmental Futures: Nano technology and Genomics coming over the horizon**

Gerardo (Pasky) Pascual, ORD/OSP Environmental Futures Workgroup

10:10 Break

10:25 Wrap up Round Table of Speakers to address:

Processes for identifying chemicals for focus

Are there realistic opportunities to address the data gaps?

Do we still need ***Champions*** to move issues forward?

Are ***outside pressures*** necessary to move issues forward?

11:30 Feed Back from Environmental Journalist: Janet Raloff / Science News

How an outsider perceives these efforts:

This Workshop

Action within the Government Agencies

A personal perspective

12:00 Conference Closes
